# **Appendix P**

**On-Road VIP Funding Matrix for Truck Replacements** 

# Table P-1A: Light Heavy-Duty (GVWR = 14,001 to 19,500 lbs)

- Fleets of 1-10 trucks
- Replacement vehicles delivered and post inspected by December 31, 2017
- Fleet must be compliant; TRUCRS or applicable compliance documentation in Section C.1.(C) (ENGINE MODEL YEAR SCHEDULE ONLY)

(ENGINE MODEL YEAR SCHEDULE ONLY)										
NEW REPLACEMENT										
	0.20 g/bł	np-hr NOx St Cleaner	andard or	0.50 g/bhp-hr NOx Standard or Cleaner						
Engine Model Year		Minimum Annual Usage		Minimu Us	Funding					
	Miles	Gallons	Amount	Miles	Gallons	Amount				
1999	24,000	2,300	\$5,000	26,000	2,500	\$5,000				
No Truck and Bus Regulatory	48,000	4,600	\$10,000	51,000	5,000	\$10,000				
compliance due before	71,000	6,900	\$15,000							
January 1, 2019	95,000	9,200	\$20,000							
2000-2002	12,000	1,200	\$5,000	13,000	1,300	\$5,000				
No Truck and Bus Regulatory compliance due before	24,000	2,400	\$10,000	26,000	2,500	\$10,000				
January 1, 2020	36,000	3,500	\$15,000							
	48,000	4,700	\$20,000							
2003	20,000	1,900	\$5,000							
No Truck and Bus Regulatory	39,000	3,800	\$10,000							
compliance due before	58,000	5,600	\$15,000							
January 1, 2020	77,000	7,500	\$20,000							
2004-2006	13,000	1,300	\$5,000							
No Truck and Bus Regulatory	26,000	2,500	\$10,000							
compliance due before	39,000	3,800	\$15,000							
January 1, 2021	52,000	5,000	\$20,000							
		USED REP	LACEMENT							
	0.20 g/bł	np-hr NOx St	andard or	0.50 g/b	hp-hr NOx S	tandard or				
Engine Medel Veer	Cleaner			Cleaner Minimum Annual						
Engine Model Year		Minimum Annual Usage			Funding					
	Miles	Gallons	Amount	Usage Miles Gallons		Amount				
1999	24,000	2,300	\$5,000	26,000	2,500	\$5,000				
No Truck and Bus Regulatory	24,000	2,500	ψ3,000	20,000	2,300	ψ3,000				
compliance due before January 1, 2019	48,000	4,600	\$10,000							
2000-2002  No Truck and Bus Regulatory	12,000	1,200	\$5,000	13,000	1,300	\$5,000				
compliance due before January 1, 2020	24,000	2,400	\$10,000							
2003  No Truck and Bus Regulatory	20,000	1,900	\$5,000							
compliance due before January 1, 2020	39,000	3,800	\$10,000							
2004-2006  No Truck and Bus Regulatory	13,000	1,300	\$5,000							
compliance due before January 1, 2021	26,000	2,500	\$10,000							

# Table P-1B: Light And Medium Heavy-Duty (GVWR = 14,001 to 26,000 lbs)

- Fleets of 1-10 trucks
- Replacement vehicles delivered and post inspected by December 31, 2017
- No Truck and Bus Regulatory 2010 std. compliance date before January 1, 2021
- Must show current compliance and reported TRUCRS compliance option (ENGINE MODEL YEAR SCHEDULE NOT ELIGIBLE)

		NEW REP	LACEMENT				
	0.20 g/bł	np-hr NOx St Cleaner	andard or	0.50 g/bhp-hr NOx Standard or Cleaner			
Engine Model Year		n Annual age	Funding Amount	Minimu Us	Funding Amount		
	Miles	Gallons	Amount	Miles	Gallons	Aillouni	
	9,000	900	\$5,000	9,000	1,000	\$5,000	
<u>&lt;</u> 1990	17,000	1,700	\$10,000	18,000	1,900	\$10,000	
<u> </u>	25,000	2,600	\$15,000				
	33,000	3,400	\$20,000				
1991-1998	12,000	1,200	\$5,000	14,000	1,300	\$5,000	
	24,000	2,400	\$10,000	27,000	2,600	\$10,000	
	36,000	3,500	\$15,000				
	48,000	4,700	\$20,000				
		USED REP	LACEMENT				
	0.20 g/bł	np-hr NOx St Cleaner	andard or	dard or 0.50 g/bhp-hr NOx Stand Cleaner			
Engine Model Year		n Annual age	Funding Amount	I ISANA		Funding Amount	
	Miles	Gallons	Amount	Miles	Gallons	Aillouill	
≤ 1990	9,000	900	\$5,000	9,000	1,000	\$5,000	
<u>&lt;</u> 1990	17,000	1,700	\$10,000				
	17,000	<u> </u>					
1991-1998	12,000	1,200	\$5,000	14,000	1,300	\$5,000	

# Table P-2A: Medium Heavy-Duty (GVWR = 19,501 to 26,000 lbs)

- Fleets of 1-10 trucks
- Replacement vehicles delivered and post inspected by December 31, 2017
- Fleet must be compliant; TRUCRS or applicable compliance documentation in Section C.1.(C) (ENGINE MODEL YEAR SCHEDULE ONLY)

NEW REPLACEMENT									
	0.20 g/bhp-ł	nr NOx Standa	ard or Cleaner	0.50 g/bhp-hr NOx Standard or Cle					
Engine Model Year	Minimum Annual Usage		Funding Amount	Minimum Annual Usage		Funding Amount			
	Miles	Gallons	Amount	Miles	Gallons	Amount			
1999	48,000	4,600	\$10,000	51,000	5,000	\$10,000			
No Truck and Bus Regulatory compliance due before	71,000	6,900	\$15,000	76,000	7,400	\$15,000			
January 1, 2019	95,000	9,200	\$20,000						
2000 2002	24,000	2,400	\$10,000	26,000	2,500	\$10,000			
<b>2000-2002</b> No Truck and Bus Regulatory	36,000	3,500	\$15,000	39,000	3,800	\$15,000			
compliance due before January 1, 2020	48,000	4,700	\$20,000						
January 1, 2020	60,000	5,800	\$25,000						
2002	39,000	3,800	\$10,000						
<b>2003</b> No Truck and Bus Regulatory	58,000	5,600	\$15,000						
compliance due before January 1, 2020	77,000	7,500	\$20,000						
oandary 1, 2020	96,000	9,300	\$25,000						
0004 0000	26,000	2,500	\$10,000						
<b>2004-2006</b> No Truck and Bus Regulatory	39,000	3,800	\$15,000						
compliance due before January 1, 2021	52,000	5,000	\$20,000						
January 1, 2021	65,000	6,300	\$25,000						

# Table P-2B: Medium Heavy-Duty (GVWR = 19,501 to 26,000 lbs)

- Fleets of 1-10 trucks
- Replacement vehicles delivered and post inspected by December 31, 2017
- Fleet must be compliant; TRUCRS or applicable compliance documentation in Section C.1.(C) (ENGINE MODEL YEAR SCHEDULE ONLY)

USED REPLACEMENT									
	0.20 g/b	hp-hr NOx or Cleane	Standard er	0.50 g/k	ohp-hr NO or Clean	k Standard er	1.20 g/bhp-hr NOx Standard or Cleaner		
Engine Model Year	Minimum Annual Usage		Funding Amount	Minimum Annual Usage		Funding Amount	Minimum Annual Usage		Funding Amount
Eligille Model Teal	Miles	Gallons		Miles	Gallons		Miles	Gallon s	
1999	48,000	4,600	\$10,000	51,000	5,000	\$10,000	62,000	6,000	\$10,000
No Truck and Bus Regulatory compliance due before January 1, 2019	71,000	6,900	\$15,000						
2000-2002  No Truck and Bus Regulatory	24,000	2,400	\$10,000	26,000	2,500	\$10,000	31,000	3,100	\$10,000
compliance due before January 1, 2020	36,000	3,500	\$15,000						
2003	39,000	3,800	\$10,000						
No Truck and Bus Regulatory compliance due before January 1, 2020	58,000	5,600	\$15,000						
2004-2006	26,000	2,500	\$10,000						
No Truck and Bus Regulatory compliance due before January 1, 2021	39,000	3,800	\$15,000						

#### Table P-3A: Medium Heavy-Duty (GVWR = 26,001 to 33,000 lbs)

- Fleets of 1-10 Trucks
- No Truck and Bus Regulatory 2010 Std. Compliance Date Before January 1, 2021
- Replacement Vehicles Delivered and Post-inspected by December 31, 2017
- MUST SHOW CURRENT COMPLIANCE AND REPORTED TRUCRS COMPLIANCE OPTION, IF APPLICABLE (Engine Model Year Schedule eligible if truck is filtered. Applicants with Longview filters may require higher minimum usages than shown. Please contact district.)

#### **NEW REPLACEMENT**

Engine	0.20 g/bhp-l	hr NOx Standa	rd or Cleaner	0.50 g/bhp-hr NOx Standard or Cleaner				
Model Year		nnual Usage	Funding	Minimum Ann	Funding			
Tour	Miles	Gallons	Amount	Miles	Gallons	Amount		
	17,000	1,700	\$10,000	18,000	1,900	\$10,000		
	25,000	2,600	\$15,000	27,000	2,800	\$15,000		
<= 1990	33,000	3,400	\$20,000	36,000	3,700	\$20,000		
\= 1990	41,000	4,200	\$25,000	44,000	4,600	\$25,000		
	49,000	5,100	\$30,000					
	58,000	5,900	\$35,000					
	23,000	2,300	\$10,000	26,000	2,500	\$10,000		
	35,000	3,400	\$15,000	38,000	3,700	\$15,000		
1991-1993	46,000	4,500	\$20,000	51,000	4,900	\$20,000		
1991-1993	57,000	5,600	\$25,000	63,000	6,200	\$25,000		
	69,000	6,700	\$30,000					
	80,000	7,800	\$35,000					
	24,000	2,400	\$10,000	27,000	2,600	\$10,000		
	36,000	3,500	\$15,000	40,000	3,900	\$15,000		
1994-2002	48,000	4,700	\$20,000	53,000	5,200	\$20,000		
1994-2002	60,000	5,800	\$25,000	67,000	6,500	\$25,000		
	72,000	7,000	\$30,000					
	83,000	8,100	\$35,000					
	38,000	3,700	\$10,000					
2002 2002	57,000	5,500	\$15,000					
2003-2006	75,000	7,300	\$20,000					
	94,000	9,100	\$25,000					

### Table P-3B: Medium Heavy-Duty (GVWR = 26,001 to 33,000 lbs)

- Fleets of 1-10 Trucks
- No Truck and Bus Regulatory 2010 Std. Compliance Date Before January 1, 2021
- Replacement Vehicles Delivered and Post-inspected by December 31, 2017
- MUST SHOW CURRENT COMPLIANCE AND REPORTED TRUCRS COMPLIANCE OPTION, IF APPLICABLE (Engine Model Year Schedule eligible if truck is filtered. Applicants with Longview filters may require higher minimum usages than shown. Please contact district.)

	USED REPLACEMENT										
Engine	0.20 g/bhp-hr NOx Standard or Cleaner			0.50 g/l	bhp-hr NOx Sta Cleaner	andard or	1.20 g/bhp-hr NOx Standard or Cleaner				
Model Year	Minimum Annual Usage		Funding	Minimum Annual Usage		Funding	Minimum Annual Usage		Funding		
	Miles	Gallons	Amount	Miles	Gallons	Amount	Miles	Gallons	Amount		
	17,000	1,700	\$10,000	18,000	1,900	\$10,000	22,000	2,200	\$10,000		
- 1000	25,000	2,600	\$15,000	27,000	2,800	\$15,000	32,000	3,300	\$15,000		
<= 1990	33,000	3,400	\$20,000	36,000	3,700	\$20,000					
	41,000	4,200	\$25,000								
	23,000	2,300	\$10,000	26,000	2,500	\$10,000	34,000	3,300	\$10,000		
1001 1002	35,000	3,400	\$15,000	38,000	3,700	\$15,000	51,000	5,000	\$15,000		
1991-1993	46,000	4,500	\$20,000	51,000	4,900	\$20,000					
	57,000	5,600	\$25,000								
	24,000	2,400	\$10,000	27,000	2,600	\$10,000	36,000	3,500	\$10,000		
1994-2002	36,000	3,500	\$15,000	40,000	3,900	\$15,000	54,000	5,300	\$15,000		
1994-2002	48,000	4,700	\$20,000	53,000	5,200	\$20,000					
	60,000	5,800	\$25,000								
	38,000	3,700	\$10,000								
2003-2006	57,000	5,500	\$15,000								
	75,000	7,300	\$20,000								

#### Table P-4A: Heavy Heavy-Duty (GVWR = 33,001 lbs or more)

- Fleets of 1-10 trucks
- No Truck and Bus Regulatory 2010 std. compliance date before January 1, 2021
- Replacement vehicles delivered and post inspected by December 31, 2017
- MUST SHOW CURRENT COMPLIANCE AND REPORTED TRUCRS COMPLIANCE OPTION, IF APPLICABLE (Engine Model Year Schedule eligible if truck is filtered. Applicants with Longview filters may require higher minimum usages than shown. Please contact district.)

NEW REPLACEMENT									
Engine Medel	0.20 g/bł	p-hr NOx Standard	or Cleaner	0.50 g/bhp-hr NOx Standard or Cleaner					
Engine Model Year	Minimum Ar	Minimum Annual Usage		Minimum A	Francisco America				
rear	Miles	Gallons	Funding Amount	Miles	Gallons	Funding Amount			
	12,000	1,900	\$10,000	13,000	2,100	\$10,000			
	17,000	2,900	\$15,000	19,000	3,100	\$15,000			
	23,000	3,800	\$20,000	25,000	4,100	\$20,000			
<= 1990	29,000	4,800	\$25,000	31,000	5,200	\$25,000			
<= 1990	34,000	5,700	\$30,000	37,000	6,200	\$30,000			
	40,000	6,600	\$35,000	43,000	7,200	\$35,000			
	45,000	7,600	\$40,000						
	51,000	8,500	\$45,000						
	14,000	2,200	\$10,000	15,000	2,400	\$10,000			
	20,000	3,300	\$15,000	22,000	3,600	\$15,000			
	27,000	4,300	\$20,000	30,000	4,800	\$20,000			
1991-1993	34,000	5,400	\$25,000	37,000	6,000	\$25,000			
1991-1995	40,000	6,500	\$30,000	44,000	7,200	\$30,000			
	47,000	7,600	\$35,000	52,000	8,300	\$35,000			
	53,000	8,600	\$40,000						
	60,000	9,700	\$45,000						
	14,000	2,200	\$10,000	16,000	2,500	\$10,000			
	21,000	3,300	\$15,000	24,000	3,700	\$15,000			
	28,000	4,400	\$20,000	31,000	4,900	\$20,000			
1994-2002	35,000	5,500	\$25,000	39,000	6,100	\$25,000			
	42,000	6,600	\$30,000	47,000	7,300	\$30,000			
	49,000	7,700	\$35,000	54,000	8,500	\$35,000			
	56,000	8,700	\$40,000						
	63,000	9,800	\$45,000						
	22,000	3,500	\$10,000						
	33,000	5,200	\$15,000						
	44,000	6,900	\$20,000						
2003-2006	55,000	8,700	\$25,000						
	66,000	10,400	\$30,000						
	77,000	12,100	\$35,000						
	88,000	13,800	\$40,000						
	99,000	15,600	\$45,000						

#### Table P-4B: Heavy Heavy-Duty (GVWR = 33,001 lbs or more)

- Fleets of 1-10 trucks
- No Truck and Bus Regulatory 2010 std. compliance date before January 1, 2021
- Replacement vehicles delivered and post inspected by December 31, 2017
- MUST SHOW CURRENT COMPLIANCE AND REPORTED TRUCRS COMPLIANCE OPTION, IF APPLICABLE
- (Engine Model Year Schedule eligible if truck is filtered. Applicants with Longview filters may require higher minimum usages than shown. Please contact district.)

USED REPLACEMENT										
Engine	0.20 g/bhp-hr NOx Standard or Cleaner			0.50 g/bhp-hr NOx Standard or Cleaner			1.20 g/bhp-hr NOx Standard or Cleaner			
Model Year	Minimum A	Minimum Annual Usage		Minimum A	nnual Usage	Funding	Minimum A	nnual Usage	Funding	
	Miles	Gallons	Amount	Miles	Gallons	Amount	Miles	Gallons	Amount	
	12,000	1,900	\$10,000	13,000	2,100	\$10,000	16,000	2,600	\$10,000	
	17,000	2,900	\$15,000	19,000	3,100	\$15,000	23,000	3,900	\$15,000	
4000	23,000	3,800	\$20,000	25,000	4,100	\$20,000	31,000	5,200	\$20,000	
<= 1990	29,000	4,800	\$25,000	31,000	5,200	\$25,000				
	34,000	5,700	\$30,000	37,000	6,200	\$30,000				
	40,000	6,600	\$35,000							
	14,000	2,200	\$10,000	15,000	2,400	\$10,000	20,000	3,200	\$10,000	
	20,000	3,300	\$15,000	22,000	3,600	\$15,000	29,000	4,700	\$15,000	
1991-1993	27,000	4,300	\$20,000	30,000	4,800	\$20,000	39,000	6,300	\$20,000	
1991-1993	34,000	5,400	\$25,000	37,000	6,000	\$25,000				
	40,000	6,500	\$30,000	44,000	7,200	\$30,000				
	47,000	7,600	\$35,000							
	14,000	2,200	\$10,000	16,000	2,500	\$10,000	21,000	3,300	\$10,000	
	21,000	3,300	\$15,000	24,000	3,700	\$15,000	31,000	4,900	\$15,000	
1994-2002	28,000	4,400	\$20,000	31,000	4,900	\$20,000	42,000	6,500	\$20,000	
1994-2002	35,000	5,500	\$25,000	39,000	6,100	\$25,000				
	42,000	6,600	\$30,000	47,000	7,300	\$30,000				
	49,000	7,700	\$35,000							
	22,000	3,500	\$10,000							
	33,000	5,200	\$15,000							
2002 2000	44,000	6,900	\$20,000							
2003-2006	55,000	8,700	\$25,000							
	66,000	10,400	\$30,000							
	77,000	12,100	\$35,000							